Application No: 10/756,978 Filed: 01/13/2004 For: Cardinale

IN THE CLAIMS

Please amend the claims as follows:

- 1. (currently amended) A template for imprint lithography comprising a two-dimensional array of spaced-apart plungers arranged on a surface, wherein the plungers are each individually addressable and actuated to move in a vertical direction and wherein the plungers comprise a plunger and capping wafer; and actuating means.
- 2. (original) The template of claim 1, wherein the plungers are circular in cross-section.
- 3. (original) The template of claim 1, wherein the plungers are made from silicon.
- 4. (original) The template of claim 3, wherein the plungers are fabricated from silicon oriented along the (100) plane.
- 5. (original) The template of claim 1, wherein said actuating means include electrostatic, thermal, pressure, microfludic, or magnetic actuation.
- 6. (original) The template of claim 1, wherein the plungers are spaced from about 0.5 to about 2 μm apart.
- 7. (canceled)
- 8. (original) A method for forming a lithographic pattern, comprising:

 providing a substrate having a deformable polymer film deposited thereon;

actuating the plungers of the template of claim 1 to provide a pattern of protruding and recessed features;

urging the patterned template at a molding pressure into the polymer film, thereby transferring the template pattern onto the polymer film;

freeing the template from the film;

processing the patterned polymer film to remove the thin portions of the film; and

etching the substrate to reproduce the template pattern.

- 9. (original) The method of claim 8, further including the step of stepping the template over the surface of the polymer film.
- 10. (original) A method for forming a multilayer device, comprising the steps

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of:

preparing a lithographic pattern by the method of claim 8; reconfiguring the template to form a new pattern of protruding and recessed features; and

repeating the steps of urging, freeing, processing and etching to form a multilayer device.